

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Art Winterbauer <art@comet.ucar.edu>  
Subject: [5] 80 meter CW  
Message-ID: <Pine.SUN.3.95.960916092036.6380J-100000@spike>

I get this list in digest mode, so can't recall who asked the question about activity on 80 meters.

I've found very little activity in the CW areas of this band when I've checked, even though 75-meter phone is jammed to the gutters. I've heard net activity on 3.560 (like the Tall Corn Net) around 9pm Mountain Time most evenings, and even stuck around to talk to a member or two of that net when it was over.

I've called CQ here and there but generally no takers. Have had a few qsos by tuning higher in the band (above 3.6) and folks who can copy are surprised that there are any QRP stations attempting contacts on that band because of the static crashes.

I do listen in the evenings between 7 and 8pm Mountain Time (1300-1400Z) around 3.560 in case anyone wants a QSO before the Tall Corn Net commences.

The nice thing about 80 CW is that the QSOs I monitor are long, generally between old-time hams who shift into recollection mode occasionally and provide some real entertainment. The bad news is that my bedtime arrives, accompanied by drowsiness, before the QSO ends and I get the chance to make a call!

{Impressive signature lines available upon request.}  
--Art WA50ES Longmont, Colorado

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
Subject: [2] Beam Restoration  
Message-ID: <199609161804.NAA17711@multi2.pic.net>

Bruce, VE3UWL, asked:

>> I'm interested by the above concern. Is there in fact any passive circuit where the performance (in dB terms) varies with power in? Is there really ever a "minimum power needed to drive" antennas?

>>

In a sense, there is with an antenna such as the trap beam that Chuck was talking about. In such an antenna, there are numerous mechanical connections in the electrical signal path, including aluminum-to-aluminum, aluminum-to-stainless steel, copper-to-aluminum-to-stainless steel, etc. After Chuck finishes polishing all those connections and reassembling it with conductive grease, it should work nicely at 950 mw. After a few months, oxidation will start building up at all those joints, no matter how well they are weatherproofed. With frequent use at higher power, that oxide gets burned out by the RF current. Low power won't do that as well, and the joints begin to look like open circuits to QRP. Chuck should probably hit the antenna with 100 watts every so often to keep it working (duck).

Mike K1MG

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "Grover & Doris T." <SIXPENCE@worldnet.att.net>  
Subject: [9] Combo Order Arrived  
Message-ID: <2.2.16.19960916051124.19bfb9b2@postoffice.worldnet.att.net>

Joe..Pri Mail package arrived today - 16 Sept, Hard trip but all intact.  
Many thanks for prompt shipment.. well pleased with contents.  
Hope to meet you on 21st from Port site on the Blue Ridge Parkway; We will be looking for a campsite that allows good path both E & W.

72 y Paz ..Grover KQ4AL Occoquan, VA USA  
QRP/QSLs WAS = 34 DX= XE VE  
QRO/QSLs WAS = 49(-Hawaii) DXCC = 62 IOTA = 27  
<SIXPENCE@worldnet.att.net>

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [4276] es, Etc.  
Message-ID: <Pine.BSI.3.93.960916023707.3092A-100000@u1.abs.net>

(W7AQK) DYARNES@aol.com

David,

TKS 2 U 4 UR comments.

72,73 es  
^^

QRP DX TU (C)1986, G. Danny Gingell, K3TKS@abs.net  
Maryland Milliwatt Club QRP Reference Library, (301)572-6789

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Russ1031@aol.com  
Subject: [1] First Reminder for the October Spartan Sprint  
Message-ID: <960916130831\_523633233@emout01.mail.aol.com>

The October Spartan Sprint will be held on October 7 (which is our standard date--the first monday of the month).

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, antenna tuner and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and QSOs per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of Qs per pound.

ARS provides handsome certificates to the operators who achieve the top four scores in the Qs per pound category.

You can get a full explanation the Spartan Sprints from our web site, <http://members.aol.com/adradio/index.html>. Or if you'd rather get the material by e-mail, just drop a note to me, Russ Carpenter, AA7QU, at Russ1031@aol.com and I'd be glad to e-mail a copy. The following synopsis, however, will give you all you need to participate.

During October, I'll be on a hiking trip on Bhutan, so the Sprint will be administered by Richard Fisher, KI6SN. Here is the procedure for October 7:

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT.  
Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT.

2. Use 7040 +- Khz and 14,060 +- Khz (You may operate one or two

bands--your choice).

3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP".
5. If you are operating under the portable QRP rules, add "/PQ" to your call. (You can find those rules at our web site, <http://members.aol.com/adradio/index.html>)
6. You can take credit for working the same station on a second band.

After the contest, send Richard Fisher e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of the transmitter, receiver, antenna tuner, key, keyer and battery). You may also include your comments from the soapbox. If you get that information to Richard by Tuesday night, he'll include your data in the contest results, which he'll publish on Thursday, October 10 on the ARS web site and the QRP-L. Richard's e-mail address is KI6SN@aol.com.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard an e-mail expressing your interest. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

72, Russ Carpenter, AA7QU  
ARS#1

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Robert Morgenstein <robertm@haven.ios.com>  
Subject: [8] free antenna wire  
Message-ID: <Pine.BSF.3.95.960916161956.6123A-1000000@haven.ios.com>

I have been seeing a number of posts asking about antenna wire.  
I have gotten more than I need from the following sources and it is free.  
Old T.V. yokes, fly back xformers and audio xformers. The strongest was in the yokes. Old auto ignition coils have a good source of soft wire.  
Just be inovative.  
72's Bob Wa2EAW

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "evans ken" <evans.ken@wgs-2.bwi.bls.com>  
Subject: [7] FS QRP+ & HT  
Message-ID: <n1369233549.74564@wgs-2.bwi.bls.com>

I have two items for sale:

1) A QRP+ (serial # 0638) with latest Eprom upgrade (1 WPM keyer steps, improved AGC, remembers lastband/mode, etc.) included is a hand microphone from Index and a small 1.5 amp switching supply. Asking \$550.00 shipped USA.

2) Yaseu FT 50R 2m/440 HT. Includes 5watt battery, software/cable, and cig lighter adapter. The unit was purchased at Dayton. Asking \$300.00 Shipped USA.

Pleased respond E-mail or telephone.

Work - 404-249-4770 (will not be in tuesday, Sept 17)  
Home - 770-564-3749

72/3  
Ken K3RFN  
evans.ken@bwi.bls.com

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "Steve, N2MNN" <n2mnn@openix.com>  
Subject: [20] Gel Cell Charger Article  
Message-ID: <199609170108.VAA18034@pantera.openix.com>

I have gotten many requests for e-mail copies of my article on building a gel cell charger. Unfortunately, I took for granted the fact that my e-mail program automatically detaches and decodes files attached to my incoming e-mail messages. Many of the people I've sent the file to have not been able to view it since their e-mail programs don't automatically decode attached files, and they don't have the proper utility to manually decode it, or they don't have MS Word to view the file.

I believe that the reason that this is all necessary is because a Word 6.0 file is a binary file which must be converted to text to be sent via e-mail, and then must be converted back to binary format after it is received. (The experts can correct me on this if I am wrong.)

I am continuing to send the file via e-mail to those who request it, either in MIME or HEXBIN format. Also I am trying to convert the graphics to WPG format for those who want to view the file in Word Perfect. Just tell me that you only have Word Perfect capability and I will also send the extra

graphic file, since converting from Word to Word Perfect dumps the graphic which was originally done in AutoCAD, and then ported to Corel Draw.

Since I want to encourage the design of a good simple charger for gel cells, I've put the article on 3 double sided sheets. If anyone sends me an SASE ( #10 envelope 4 1/8 x 9 1/2 with one .32 stamp), I will send them the hardcopy. Hopefully a universal design will evolve from our exchange of ideas.

The schematic and tables in the article are simply too detailed to try to represent in a simple text format. The reason for using Word 6.0 format is for a publishable look mixing text and graphics, and to conform to QRP ARCI standards, which I was told is MicroSoft.

My address is:

Steve Pituch, N2MNN  
28 Crescent Road  
Livingston, NJ 07039

72,  
Steve, N2MNN  
N2MNN@OPENIX.COM

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "Denton Bramwell" <denton@cyber-west.com>  
Subject: [18] headphone volume level  
Message-ID: <01BBA3FC.FB666B20@cyber-west.com>

There have been a number of comments posted about SW-30 audio level. =  
Perhaps the following bears on the situation:

I have a homebrew transceiver for 40 CW, and I designed it to have =  
PLENTY of audio. Took it up on a mountain top one day, and wondered =  
where all my audio had gone. Back at the bench, I tested it and =  
found.... PLENTY of audio.

I had taken a pair of stereo headphones, wired them in parallel, and =  
used those up on the mountain. Even though I had selected a relatively =  
low impedance pair, their conversion efficiency was far, far lower than =  
the full sized 'phones I used on my bench. I took the small "speakers" =  
off, and replaced them with some from Mouser costing about \$5 each, and =  
presto! My lightweight phones promptly began putting out PLENTY of =  
audio.

Denton Bramwell

K7OWJ

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: lhalliday@creo.bc.ca  
Subject: [14] Huff and Puff and microphonics  
Message-ID: <9608168429.AA842912855@mail.creo.bc.ca>

Thanks to all who sent suggestions about my microphonic VFO - I'll reply personally!

The part of the VFO I was least happy with was the tank inductor, which I had wound with the first wire that came to hand. This appears to have been a mistake; very fine (about 31 gauge) wire allowed the core to vibrate. So I rewound the core with the fattest wire (about 22 gauge) that would still fit 25 turns on the core. The result is drastically improved mechanical stability, producing a VFO with a perfect T9 note, no apparent microphonics, that starts perfectly every time. After warmup it settles down into a slow upward drift. Remember that I used junkbox capacitors as an acid test of Huff and Puff - there are two silver mica capacitors, and the others are grab bag special disc ceramics.

The VFO is now a candidate for Huff and Puff stabilisation - it's fine in every other respect. Just a bit drifty.

Laura Halliday VE7LDH	"C'est une femme mutine, assez
lhalliday@creo.bc.ca	elegante, grave et legere, ayant le
ve7ldh@amsat.org	sens du confort et du plaisir
Locator: CN89mg	en tout." - C. Deneuve

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: duane <duane@flinet.com>  
Subject: [4275] I have a name (sort of)  
Message-ID: <323CEE52.788A@flinet.com>

Hi all, well I just wanted to let you know I now have an official number (name) with this group. I am the proud owner of 710, kinda sounds nice don't it? Not a bad number for me. In my area the 710 is known as the Bee Line Highway. COOL

Just to let you all know I'm working on a form to add to my home page that will allow you to post trips, qrp operating sites, dates, vacations and the likes. this will be for those who would like to tell others

where one will be operating from so a person can arrange QSO's. or make that contact you need for WAS. Anyways I hope to have it up and working as an automatic posting (fill out the form and post right away) real soon 72's & 73's from duane AB4BE QRP-L# 710 !

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Mike Czuhajewski <wa8mcq@u1.abs.net>  
Subject: [4282] K5FO coming to Silver Spring MD  
Message-ID: <Pine.BSI.3.93.960916071239.5492B-100000@u1.abs.net>

Anyone else want to meet K5FO during his trip to the Washington DC area this week? Some of us are going to meet up with him some night for supper, somewhere in the vicinity of Silver Spring, MD. If you want a piece of the action, here's your chance; the planning will be done via private e-mail and phone calls, not via qrp-l, so this is probably the only notification you'll see in public. My phone numbers are in this reply to NF3I.

73 and Queue Our Pea DE WA8MCQ

On Mon, 16 Sep  
1996, Scott Rosenfeld NF3I wrote:

> He's off 193 at the Beltway (Silver Spring). We can pick somewhere,  
> anywhere, guys. It's a BIG area...

Mental block--what is 193? I should probably know. Does anyone have any suggestions yet? I'm probably free most evenings so far; suggested time 1900 hours to give me time to get down to the area. My work phone is 410-290-1919, or if you prefer a Washington metro number, 301-621-3340, and ask for Mike Ski. (Note that I've deleted WA4KAC from the list; mail is bouncing, something about ccmil being deactivated at his place and I don't have his new address yet. He never comes to these, anyhow.)  
73 and Queue Our Pea DE WA8MCQ

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: John Fletcher <johnf@innotts.co.uk>  
Subject: [10] Kites and Aerials  
Message-ID: <199609162114.WAA26945@carlton.innotts.co.uk>

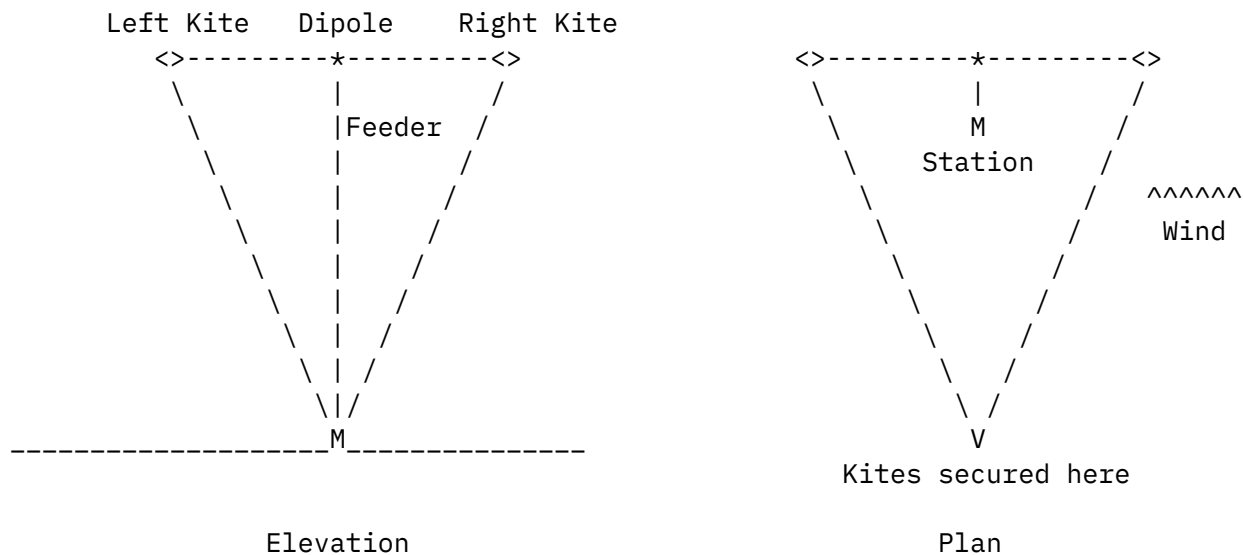
Hello All,

Perhaps someone with experience of aerials held aloft by kites would like to



explore this idea, if it hasn't already been tried and scrapped.

I believe that an assymmetrically-rigged kite will tend to swerve to one side and crash to the ground. (I have experience of this). Suppose a matched pair of kites were made, with equal and opposite sideways pulls. Could these not be used to hold a lightweight wire dipole in tension?



The opposing pulls should prevent the kites from circling and crashing. They may have to be launched by three people with the dipole already in tension. Any comments?

72 de John G4EDX

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: aa7hq@aa7hq.seanet.com (edward c. guilford)  
Subject: [25] moderators  
Message-ID: <199609170321.UAA16417@mx.seanet.com>

i suggest that going to a moderator is like exchanging a headache for an upset stomach. 73 de ed.

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: duane <duane@flinet.com>

Subject: [4273] my posting  
Message-ID: <323CE6FB.4656@flinet.com>

I have posted a message but it did not appear....am I still a part of this group or have I been put on hold or something ?

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: wk9t@juno.com  
Subject: [16] OHR-400  
Message-ID: <19960916.163859.18558.0.wk9t@juno.com>

I am in the process of building an OHR-400 Xcvr. It's coming along quite well, the oscillator and rcvr boards are completed and I will start on the T/R board tonight. Everything is top quality and instructions are thorough.

My question to the group is this: Has anyone aligned this rig without using an o'scope. I have the DVM, Wattmeter, dummy load and freq counter. I don't own nor have access to a scope. Could I accomplish that particular part of the alignment with the S-Meter on my full coverage rcvr. OHR will do the alignment fo \$60, obviously much less than the cost of a scope, but I would like to "do it myself" if possible.

Any suggestions will be greatly appreciated.

-----  
73/72 de Rod ... WK9T Carol Stream(Chicago), IL  
Grid: EN-51ww QRP-L # 616 ARS # 153  
E-mail: wk9t@juno.com

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: rcrampton@gtc.itt.com  
Subject: [4290] QRP Presentation  
Message-ID: <23d78440@gtc.itt.com>

This is a Mime message, which your current mail reader may not understand. Parts of the message will appear as text. To process the remainder, you will need to use a Mime compatible mail reader. Contact your vendor for details.

--IMA.Boundary.182988248  
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A few weeks ago I posted a request for information for a presentation on QRP I was going to give. Thanks to everyone for their inputs, I think I got everything covered pretty well in a fairly short period of time during my presentation.

The presentation was last Friday night, and I think it generated a decent interest in QRP/homebrewing. I'm doing a club homebrewing project where I'll help anyone who's interested build a 40M QRP rig (The NW40). Several people said they plan to participate.

A handful of you asked me to e-mail my slide presentation when I was done, so here it is. Feel free to use it, change it, do whatever you want to it. Hope it can be of help. If not, well, it was free and you got what you paid for!

The slide presentation is in Power Point format and is attached.

73's es GL,

Ray Crampton, KN4SK

--IMA.Boundary.182988248

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[illegible]

[illegible]

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--IMA.Boundary.182988248--

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: kb0rol@juno.com (Bradley L Mugleston)  
Subject: [4278] QRP-L members faces  
Message-ID: <19960915.215131.7375.1.kb0rol@juno.com>

Gang,

I was just looking through "How to get started in QRP" by Dave Ingram - K4TWJ and came across the faces of some of those on this list including Dave, Rev Geroge Dobbs and Danny Gingell. There are a couple of other faces in there but the names didn't ring my bell (after playing three years of rugby in college it takes quite a lot to ring it).

Its really strange to have faces on these names and calls.

BWT, its a great book, wish I had some part of it.

de

Brad Mugleston - KB0ROL  
Colorado QRP Club # 170, QRP-L #316, ARRL  
QTH - Aurora, CO - DM79oq  
KB0ROL@JUNO.COM  
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: N0oct@aol.com  
Subject: [17] R2 Receiver Noise Figure Improvements.....  
Message-ID: <960916192908\_286328625@emout11.mail.aol.com>

y'all--

I bought my R2 while the getting was good from N8ET [Kanga], and now that I have some +13 dBm mixers, am prepared to possibly consider building it this winter [maybe].

Thus, I have read all the articles on improvement of noise figure for the R1 and the R2. I realize that the R1 mod might necessarily be different than that for the R2, as the R1 preamp is driving the low pass audio filter directly, whereas the R2 preamp is driving the phase shift networks.

So, my question is, for those of you who have messed around and/or tested these circuits, which seems to work best for the HF bands with the R2? Is it the W7Z0I preamp mod, substituting TL074's for the NE5512's, or the NE5532 amp between the preamps and the phase shifters?

Also, for those of you who may have experimented with the W7Z0I preamp mod, were low noise transistors utilized [MPSA18 comes to mind], and if so, how were the results?

I'm not trying to sidestep the fun of experimenting and testing different circuits [which I enjoy], but am trying to build something that is somewhat optimized based on empirical and theoretical testing. I also dread resoldering things on a double sided board, and I have a limited amount of time [which is becoming more limited].

Thanks to all who respond, and I'll let you know how it goes.

73, jim n0oct

jimn0oct@aol.com

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: kub@upl.com (Steve Kubisch)  
Subject: [4289] RS-12 Mode  
Message-ID: <9609161535.AA02478@ringworld.pacificorp.com>

Hi,

Been playing around with the robot beacon on RS-12 and seems like it has changed mode in the last little while. Used to uplink on 15 meter band but now seems to be looking for the uplink on 2 meters.

Can't find any info on this on the web. Anyone know if they changed modes??

Thanks & 73,

Steve -WW7Y-  
kub@pacificorp.com

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: QLF@mimi@magic.itg.ti.com

Subject: [6] SIERRA STATUS

Message-ID: <9609161937.AA06646@itg.ti.com>

From: Brad Bradfield QLF

Subj: SIERRA STATUS

Well boys and girls, the Sierra construction is coming along. Have most of the board mounted parts soldered into place and have wound the first two toroids. Have I told you how much I hate winding toroids? At least there's no bifilar or trifilar toroids to do!

No big hurry, just taking my time and plugging along.

I am really impressed with the quality of the PWB. Nice solder mask and silk screening.

72's es 73's,

Brad, WB0CGH

\*\*\*\*\*

Brad Bradfield, PE

Electrical Design Engineer

(H) 817-321-2960

Texas Instruments, Inc.

(W) 214-462-6230

Real men talk with their fingers!

QLF@MSG.TI.COM

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72

Collector of wireless and landline Morse keys and accessories.

\*\*\*\*\*

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996

From: "Paul R. Valko" <prvalko@Oakland.edu>

Subject: [4285] Weekend Swap and QRP Activities

Message-ID: <Pine.OSF.3.91.960916092105.5482B-100000@saturn.acs.oakland.edu>

Another year, another L'Anse Cruese ARC swap.

This year, the attendance was abysmal! We had very cool and wet weather Saturday and Sunday morning looked none the better. Are you folks seeing a trend to low attendance in your locations? (email private please)

Anyway, I showed up at 6:30am to help in whatever way I could, and as usual, I secured a spot at the "club" table helping sell other member's



"stuff" while they were busy giving exams, selling tickets, and making coffee.

A great many QRP friends in attendance, Byron WA8LCZ, Walt WB8E, Bill AA8LZ, Paul AA8OZ, and Dennis KB8YYC. Mi-QRP honchos were their selling mugs and memberships, Hank K8DD, Stan AC8W and Trish KA8AMX (I think!).

A fair ammount of QRP and Ten Tec gear was for sale. I sold two 49er kits and could have sold a few more. I saw a SCOUT go for \$500 with a bag 'o band modules. There was a 509 (\$375 Hahahahah!), an Argosy I at \$400 OB0, and a C-21 for \$200.

I also saw a RARE Dentron 20M CW/SSB QRP rig for \$85 with a blown final.

Lots of other HF gear available including TS-520s, an FT-990DC, and an HW-101, to name a few.

If you have not put together a 49er (in an Altoids box) you really should. If it's NOTHING else, it is a great conversation piece. Of course, if you've actually made a few QSOs with the darn thing, it's even MORE impressive. I had mine on the club table along with my Norcal 40A+, all those compliments gave 'ol ZjL a bad case of Cranial Swelling.

73! =paul= wb8zjl

ObQRP : Nothing heard in MI from the Knightlites Sunday night!

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: JCoote@aol.com  
Subject: [22] Which Trap Vertical??  
Message-ID: <960916221918\_286479744@emout10.mail.aol.com>

I'd like your personal comments and evaluations (email me) on trap vertical antennas-  
either the no-radials or radials kind.

I need 10, 12, 15, 17, 20, 30, 40 (and maybe 80). I don't want anything too ugly, or requiring top guy ropes. I live on a small lot.

This leaves the Mosley (RV-7?) trap vertical, Cushcraft R-7000, R-7, R-5, AP-8 and Hygain DX-77.

Comments?

73, Jay  
WB6AAM

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "Arjen Raateland, SYKE/YV, puh. 90-4030 0457" <Arjen.Raateland@vyh.fi>  
Subject: [4280] White Mountain SSB rig  
Message-ID: <01I9JRKWEMHE8Y5M3I@vyh21.vyh.fi>

QRP-L'ers,

Is there anybody on this list that already has experience with the new White Mountain SSB kits from Dave Benson?

I would be very interested to hear about this new kit (WM-20 & WM-75). They look very nice to me on paper. They're small, too.

73, Arjen OH2ZAZ

Arjen Raateland  
Suomen Ymp ristö keskus / YV  
-----  
Finnish Environment Institute, Helsinki, Finland  
SAS Support  
EMAIL: Arjen.Raateland@vyh.fi  
tel. +358 0 4030 0457  
fax +358 0 4030 0490  
..--.

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Bob Patten <n4bp@shadow.net>  
Subject: [4279] Whiterock paddles  
Message-ID: <Pine.SOL.3.91.960916040334.2972B-100000@hyper>

Someone posted a list of prices & descriptions for the Whiterock line. Somehow, I lost the file that I thought I had captured.. Does anyone

have this listing who is willing to forward it to me?  
Tnx es 73,

Bob Patten, N4BP  
n4bp@shadow.net

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Robert Paschal <r-paschal@worldnet.att.net>  
Subject: [4171] World Radio Mag  
Message-ID: <19960913231227.AAA22978@LOCALNAME>

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [4277] WorldRadio INFO  
Message-ID: <Pine.BSI.3.93.960916024759.3092C-100000@u1.abs.net>

Extracted From QRP-L Digest # 482

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Doug Hendricks <ki6ds@telis.org>  
Subject: [24] [Fwd: Paul Harden, NA5N Pacificon Speaker]  
Message-ID: <323E0B57.49B8@telis.org>

Received: from homeroom.telis.org (homeroom.telis.org [204.71.75.151]) by  
mail-02.telis.org (8.7.5/8.7.3) with ESMTP id LAA03214 for <ki6ds@telis.org>; Mon,  
16 Sep 1996 11:48:04 -0700 (PDT)  
Received: from doug.dpol.k12.ca.us ([205.225.71.47]) by homeroom.telis.org  
(8.7.5/8.7.3) with SMTP id LAA17304; Mon, 16 Sep 1996 11:42:05 -0700 (PDT)  
From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Eric Bates <jz560c@hqs.mid.gmeds.com>  
Subject: [4281] [Fwd: PLEASE READ - SS# info]  
Message-ID: <323D3571.757B@hqs.mid.gmeds.com>

This is a multi-part message in MIME format.

-----55CC7F093F14  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I apologize for the bandwidth, but thought that the list membership might be interested in this.

> Lexis is making a database called "Ptrax" available that  
> contains the names, current addresses, prior addresses, birthdates,  
> social security numbers, and mother's maiden names of  
> some 300 million people.  
>  
> They may have a file on you.  
>  
> If you want to get this information removed from Lexis' "ptrax"  
> database, call 800.543.6862 and ask them to remove your file.  
>  
> The current removal method in effect lasts only until another  
> reporting even on you occurs (e.g., you apply for credit), but Lexis  
> is currently "working" on a "permanent removal" method.

Cheers,  
Eric AA8MD

-----55CC7F093F14  
Content-Type: message/rfc822  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

Received: from ra.hqs.mid.gmeds.com by cableman with SMTP  
(1.38.193.4/16.2) id AA29248; Fri, 13 Sep 1996 18:35:31 -0400  
Return-Path: <carol@misnet.com>  
Received: from nnsp.eds.com by ra (4.1/hqs.mid-1.7)  
id AA22326; Fri, 13 Sep 96 18:41:05 EDT  
Errors-To: <carol@misnet.com>  
Received: from ns2.eds.com (ns2.eds.com [199.228.142.78]) by nnsp.eds.com  
(8.7.5/8.7.3) with ESMTP id SAA01416 for <jz560c@hqs.mid.gmeds.com>; Fri, 13 Sep  
1996 18:40:03 -0400 (EDT)  
Received: from cayman.ucs.indiana.edu (cayman.ucs.indiana.edu [129.79.10.63]) by  
ns2.eds.com (8.7.5/8.7.3) with ESMTP id SAA20875 for <jz560c@hqs.mid.gmeds.com>;  
Fri, 13 Sep 1996 18:40:03 -0400 (EDT)  
Received: from rmgate.pop.indiana.edu (rmgate.pop.indiana.edu [129.79.26.84]) by  
cayman.ucs.indiana.edu (8.7.3/8.7.3/1.10IUPO) with ESMTP id RAA12218; Fri, 13 Sep  
1996 17:39:09 -0500 (EST)  
Received: from RISKMG\_T\_POPLARS/SpoolDir by rmgate.pop.indiana.edu (Mercury 1.21);  
13 Sep 96 17:39:12 GMT-0500  
Received: from SpoolDir by RISKMG\_T\_POPLARS (Mercury 1.30); 13 Sep 96 17:38:59  
GMT-0500  
From: Carol C-H <carol@misnet.com>  
Subject: PLEASE READ - SS# info

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "Floyd Soo, KF8AT" <hires@rust.net>  
Subject: [4287] [Fwd: Re: under-driving antennae?]  
Message-ID: <323D8EB0.2B80@rust.net>

This is a multi-part message in MIME format.

-----60A86E0A5F70  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I concur!

72,  
Floyd, KF8AT

-----60A86E0A5F70  
Content-Type: message/rfc822  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

Received: from fidoii.CC.Lehigh.EDU (fidoii.CC.Lehigh.EDU [128.180.1.4]) by Fe3.rust.net (8.7.5/8.7.3) with ESMTP id XAA22174 for <hires@rust.net>; Sun, 15 Sep 1996 23:26:36 -0400 (EDT)

Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.lehigh.edu with SMTP id <174686-32768>; Sun, 15 Sep 1996 23:26:43 -0400

Received: from nss2.CC.Lehigh.EDU ([128.180.1.26]) by fidoii.cc.lehigh.edu with ESMTP id <174456-18175>; Sun, 15 Sep 1996 23:26:11 -0400

Received: from tir.com (sun.tir.com [205.138.41.6]) by nss2.CC.Lehigh.EDU (8.7.5/8.7.3) with ESMTP id XAA50671 for <qrp-1@lehigh.edu>; Sun, 15 Sep 1996 23:26:06 -0400

Received: from an8ow.tir.com (an8ow.tir.com [205.218.77.10]) by tir.com (8.7.5/8.7) with SMTP id XAA03808 for <qrp-1@lehigh.edu>; Sun, 15 Sep 1996 23:20:46 -0400 (EDT)

Message-Id: <323CEEF2.835@tir.com>

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>  
Subject: [4270] Re: Anybody on 80 M these days?  
Message-ID: <Pine.A32.3.92a.960915210817.44230A-100000@homer19.u.washington.edu>

The NWQRP Club gets on 80 meters about every Saturday morning at 1430 UTC. We gather around 3.61 MHz plus or minus. Then on Monday evenings there's a 30 meter net at 0200 UTC. Then following the 30 meter net we gather at 0230 UTC on 80 meters in the novice segment; try 3.17 MHz plus or minus. I tried but must have missed the NWQRP group this past Saturday. When we go off daylight savings time, subtract 30 minutes from these schedule times. On 30 meters we gather around 10.126 MHz.

Listen for us tomorrow and join in on the fun!!!!  
Stephen Lee, AB7HI  
NWQRP Club

On Sun, 15 Sep 1996, KB0PJE /5 wrote:

>(snip)  
> After reading a bit about EMPS, I've been dialing up 80M every day for  
> the last 3 or 4 and have yet to hear 1 CW sig, QRP or QR0. Is there  
> anyone ever on this band???

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>  
Subject: [4272] Re: Anybody on 80 M these days?  
Message-ID: <Pine.A32.3.92a.960915213342.44230B-100000@homer19.u.washington.edu>

Sorry for the 80 meter novice frequency error folks.  
I transposed two digits.

On Monday evening the NWQRP Club gathers at 0230 UTC  
in the novice segment of 80 meters on 3.71 MHz. There,  
that's the correct frequency...plus or minus. Am listening  
there now and have good copy from a station on 3.7111 MHz.  
There's another on 3.706 MHz.

I was on 10, 20, 30, 40, and 80 meters this weekend. Had one  
30 meter contact, QRP-QRP, distance 5 miles. Got one contact  
on 40 meters yesterday morning to near Sacramento, CA. In my  
mind the bands were lousy.

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Stan Goldstein <stan@cruzio.com>  
Subject: [4268] Re: Beam Restoration  
Message-ID: <323CD23F.36E@cruzio.com>

Bruce Robertson wrote:

>  
> On Sat, 14 Sep 1996, Stan Goldstein wrote:  
> [regarding a beam antenna ...]  
> >  
> > 1 kw out ? since you usually only use < 1 watt, I would make sure that  
> > the minimum power needed to drive the beam is that low, when you  
> > calculate wire loss and add in the multi-element losses, you may not

> > be running enough power to properly drive the beam to realize its  
> > potential over a dipole.  
> >  
>  
> I'm interested by the above concern. Is there in fact any passive circuit  
> where the performance (in dB terms) varies with power in? Is there really  
> ever a "minimum power needed to drive" antennas?  
>  
> Looking forward to a good technical discussion,  
>  
> 72, VE3UWL  
>  
> Bruce G. Robertson Dept. of Classics, U. of T.  
>  
> .-Nah , It was just a joke . Poking fun at Chuck for running milliwatt power .

Stan , N6ULU

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: WD6BOR@aol.com  
Subject: [4269] Re: Beam Restoration  
Message-ID: <960916002040\_309360725@emout18.mail.aol.com>

Chuck,

I've done this on a couple of aluminum antennas and so far have had pretty good luck. I use Scotchbrite plastic scouring pads and aluminum oxide inhibitor for the scrubbing. NEVER use steel wool or any other metal scouring pads. The steel wool embeds small bits of steel into the softer aluminum and after a short while you have rusty aluminum. Learned that working on airplanes. Some of the household aluminum cleansers are slightly corrosive if any trace is left on. The oxide inhibitors can be found at Home Depot or other home improvement stores. Scour the connections untill you are through the aluminum oxide and then wipe down with alcohol and dry. Then coat with another thin layer of oxide inhibitor and reassemble. For the small additional cost, it is more than worth buying all stainless steel hardware for the reassembly. Lasts a good long time and then is possible to take apart after being in the elements for years. Not so with cad plated or other hardware store nuts and bolts.

I use the oxide inhibitors frequently in my business as an electrical contractor, and other than being a little greasy, have never had a problem with my hands. I will recommend using dishwashing gloves though just on the off chance that you might be allergic.

Heck, after typing all this, I'm going to go ahead and post it to the rest of the list.

72, see you at Pacificon (finally).

Darrel, WD6BOR

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: JEVERHART@cayman.vf.mmc.com  
Subject: [4283] Re: Beam Restoration  
Message-ID: <960916083304.20207e18@carib.vf.mmc.com>

At 09:47 PM 9/15/96 -0400, you wrote:

>On Sat, 14 Sep 1996, Stan Goldstein wrote:

>[regarding a beam antenna ...]

>>

>> 1 kw out ? since you usually only use < 1 watt, I would make sure that

>> the minimum power needed to drive the beam is that low, when you

>> calculate wire loss and add in the multi-element losses, you may not

>> be running enough power to properly drive the beam to realize its

>> potential over a dipole.

>>

>

>I'm interested by the above concern. Is there in fact any passive circuit

>where the performance (in dB terms) varies with power in? Is there really

>ever a "minimum power needed to drive" antennas?

>

>Looking forward to a good technical discussion,

>

>72, VE3UWL

>

>Bruce G. Robertson Dept. of Classics, U. of T.

>

Bruce,

I suspect that Stan's comments were tongue-in-cheek :-).

However there *can* be cases where there is a discrepancy in antenna performance is different between high and low power cases. I reported one in Mike C.'s Technical Tidbits column in the QRP Quarterly a year



or so ago.

After getting my Autek RF-1, I set out to measure \*everything\*. When I tried to get SWR curves on my Butternut HF-6 vertical, I noted that there were \*no\* resonances on several bands. But when I fired up my Argo 509 and checked SWR with it, all looked normal. A second check with the Autek showed resonances where they should be.

Apparently the aluminum-to-aluminum connctions in the antenna had corroded, and the milliwatts of power from the RF Analyst did not "break through" the oxide films. But the 2 watts from my Argo blasted thru!

When I cleaned the joints and applied "Butter It's Not," no further power-related discrepancies were noted. I \*dont't\* recommend allowing a situation like this to persist. Who knows what transmit (and receive) problems could be created? Regular preventative maintenance such as the steps Chuck are taking should prevent this from happening.

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>  
Subject: [4288] Re: Beam Restoration  
Message-ID: <Roam.3.0.842885319.18263.myers@bigboy>

> On Sat, 14 Sep 1996, Stan Goldstein wrote:  
> [regarding a beam antenna ...]  
> >  
> > 1 kw out ? since you usually only use < 1 watt, I would make sure that  
> > the minimum power needed to drive the beam is that low, when you  
> > calculate wire loss and add in the multi-element losses, you may not  
> > be running enough power to properly drive the beam to realize its  
> > potential over a dipole.  
> >  
>  
> I'm interested by the above concern. Is there in fact any passive circuit  
> where the performance (in dB terms) varies with power in? Is there really  
> ever a "minimum power needed to drive" antennas?

If an antenna responds differently as the driver power is increased, then the antenna is acting as a non-linear circuit. That's bad - non-linearity can lead to mixing of radio signals, and thus increased IMD on transmitted signals. Also, an antenna with a non-linear response can mix external signals, causing interference.

While I've never had to fix one myself, I've had several radio professionals describe to me 'bad antennas' they've located at mountain top radio sites. The bad antennas were causing interference to other radio site users.

What often happens is that corrosion can create a rectifying junction - keeping all connections clean and weatherproof, as well as avoiding eletrolytic combinations of metals, can avoid this problem.

Dana KK6JQ  
Dana@Source.Net

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [4271] RE: Call for Moderation  
Message-ID: <Pine.SUN.3.90.960915213032.15766B-1000000@vortex.sage.dri.edu>

Hi all,

Just a little idea.....

Why couldn't someone look over all the posts that show up here on qrp\_l and act as a moderator to move those that have the proper content to someplace like qrp\_l\_mod?

All posts go to this list. Even those from the "filtered" side. That way qrp\_l continues to get the whole picture while the qrp\_l\_mod gets only the approved version.

You might even be able to just "link" the proper posts to the restricted site, saving disk space.

That way everyone wins. Those of us that want a list that is raw and uncut get it all and those who want a more focused group get what they want too.

Sounds good to me!

QRP info....

The QRP Quarterly has been printed and will be in the mail this week.

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "Claton Cadmus" <aplitech@spacestar.com>  
Subject: [11] Re: Call for Moderation  
Message-ID: <199609162127.QAA30698@Spacestar.Net>

I've been reading the comments that have been posted on the list and to me personally. As the originator of the thread I think it's time to add a little perspective to the issue.

There is an implicit contract that is extended to those that join the QRP-L mailing list. People are told the list is for discussions and information about QRP related topics. We have a right to expect this to be so. When we joined the list a welcome message was sent. In that message it reads;

"The QRP-L mailing list is open for discussion of any subjects relating to low-power amateur radio operation."

There have been a few people who equate having a moderator to giving up there right to free speech. There are also those that seem to think this is the wild west and the list should remain "raw and uncut".

First, I'm not eager to see the list moderated. I stated that in my original message. But the list is out of hand. If it's going to be a free for all then at least let's rename it to anythinggoes@lehigh.edu. Further, I don't see anything wrong with messages that are outside the purpose of the list from being politely asked to be continued elsewhere.

Those that wish this list to remain as it is and unmoderated. You haven't been paying attention. It's not the same old friendly little list. It's gotten BIG! The list has grown in size to the point where some control is necessary. As an example, Laura Halliday wrote in a posted reply:

>While I don't think a moderator is necessary (---), I'd really like to  
>see the list a little more focused on radio.

Well Laura, that's what a moderator is for. To keep the list focused around the subject.

This a one of perhaps thousands of mailing lists and hundreds of newsgroups, why is it necessary to have the list open to subjects way outside the bounds of qrp and ham radio? There are other areas more

appropriate.

Besides, this list is really already moderated. Jim has cut off access to non-subscribers and he has every right to cut access to anyone and for any reason or whim. We are at his mercy, or hospitality, depending upon how you perceive it. Why is this, because he owns the list! The right to freedom of speech is not guaranteed here, it ends at your modem. There is no obligation by any network owner or ISP to forward your words and provide you with a soapbox.

I have two reasons for believing a Moderator is now required:

1. I want to see the list get back on track. The problem is not the occasional off topic post, it's the way the list has slowly drifted to allow and accept continual off topic posts and the reaction from all the self appointed moderators we seem to have already. It seems to have evolved from the ObQrp (Obilgatory QRP) endings to some messages. Here the poster, quite knowingly, offered up an questionably on-topic message and justified it with a burst of QRP fluff at the end simply to quench the guilt. It has simply gotten steadily worse. As an example, Eric AA8MD, just posted a message about your SS# and some new credit database. I'm sure Eric was very sincere in his intentions (he even apologized for the bandwidth) and truly felt he was doing a service. But why post it in the QRP-L mailing list and start a thread about it? I have already seen one reply, I wonder how many more we will see? As I said before, there are thousands of other places to post that message and hundreds more appropriate. I'm sure I will here from someone that found the info useful, but that doesn't make it "...relating to low-power amateur radio operation." If we had an official moderator, he/she could quickly put an end to an inappropriate thread and would be the only one doing the moderating and the rest of us could ignore it.

2. I want to have a say in who's going to do the moderation and how it's going to be done. Were we, the members of the list, asked what we thought about have the list closed to non-subscribers? Most moderators are elected. That gives us a chance to approve who is doing the job as well as give us the option of voted him/her out. It sure beats the free for all we have now!

There is no evil in having a moderator, after all he/she would be one of us and we do have a very good group of helpful and concerned hams here. Any moderator that this group would pick will no doubt be fair and open to suggestions for making the list better. Also, even if we as a group decide to have a moderator, we still need to get Jim and Chuck's OK. They run this list.

As I said in my original post;

For those that may not know, a moderator is appointed or elected and enforces the "rules of the list". This is accomplished by sending polite private messages to the originators of off-topic messages. Also, the moderator is the ONLY one allowed to post messages to the list in matters of administration. i.e.; calling an end to a thread, posting the current rules, or declaring a subject off topic, etc.

The advantage of this is much less clutter, more on-topic conversations, much less wasted bandwidth and smaller concise digests.

Let's put it to a vote. I have set up my mailer to receive the votes. To vote you must follow these instructions. (DO NOT REPLY TO THIS MESSAGE!)

Send your vote to [cla@spacestar.com](mailto:cla@spacestar.com)

In the SUBJECT AREA type

moderation yes

or

moderation no

No point in writing in the body of the message, it won't be read. My mailer will place the votes in separate NO or Yes folders for counting. Voting is open to members of the qrp-l list only and you may vote only once. Your vote is confidential, only the totals will be revealed. Votes improperly sent will not be counted. The polls close Wednesday, Sept. 18th, at midnight CDT. Results will be posted to the list Thursday AM the 19th.

Claton Cadmus                   |73 de KA0GKC  
Application Technologies Inc.   |ARRL, QRP-ARCI, NorCal  
Ph. (612)926-8886               |ARCC, MNQRP&HB Society  
Fax (612)926-8545               |ka0gkc@ka0gkc.ampr.org  
E-mail [cla@spacestar.com](mailto:cla@spacestar.com)       |ka0gkc@wb0gdb.#stp.mn.us

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Monte Stark <[ku7y@sage.dri.edu](mailto:ku7y@sage.dri.edu)>  
Subject: [12] Re: Call for Moderation  
Message-ID: <[Pine.SUN.3.90.960916145323.18946A-100000@vortex.sage.dri.edu](mailto:Pine.SUN.3.90.960916145323.18946A-100000@vortex.sage.dri.edu)>

Claton,

You already asked for a vote once. Must you again use up bandwidth for the same call?

And what is wrong with my suggestion? Seems to me that it everyone what they want.

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "Jim Kortge, K8IQY" <jokortge@tir.com>  
Subject: [13] Re: Cascade on 40m  
Message-ID: <1.5.4.16.19960916221239.3c1fbd22@tir.com>

At 11:20 PM 9/12/96 EDT, Ken Brown wrote:

>Better to have started out with a new board and corrected the error.

>Now you have everyone confused.

>

>

>

>Ken Brown

>QTH Near Mobile, AL

>QRP-L #622

>n4so@juno.com

>

Well, it's this way Ken. I didn't find the error in the PC board until I was mostly done with the Cascade conversion to 40 and 17 meters. As it turned out, nobody knew that there was an error in the PC board until I discovered it. The error doesn't make any difference if the rig is built on 75 and 20, as designed.

So you have two choices if you have a Cascade. If it is unbuilt, you can remedy the error on the PC board before building, and the band modules can be used as designed. If you solder in J4 without fixing the PC board, you have to make a change to the 75 meter band module to make the rig work on 40. It's that simple. BTW, there weren't any spare PC boards when the rig was kitted. 200 kits; 200 boards!!

So, are you planning to build a Cascade, or are you just getting your \$ .02 in??

72...Jim

Jim Kortge, K8IQY (ex NU8N) | BMHA, NorCal, QRP-L  
jokortge@tir.com | \_\_o Cascade 17/40 SSB  
Fenton, MI | \_'\<, Mizuho 17/40 SSB  
... .. (\*)/(\*) . . . . .

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [4284] Re: K5FO coming to Silver Spring MD  
Message-ID: <Pine.3.89.9609160733.C8173-01000000@w3eax.umd.edu>

University boulevard is MD 193. Basically, he's down near four corners from the info he gave me. HIS phone number would be useful - I'll try to track it down.

I copied AA3MD on this, as he's not on the milliwatts list (yet).

cjsterl@ix.netcom.com, Craig, AA3MD.

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\*\*\* 6m 75 grids worked on 8 watts \*\*\* HF 138 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Steve Bornstein <saborns@freenet.columbus.oh.us>  
Subject: [21] Re: Moderation  
Message-ID: <Pine.3.07.9609162015.A25683-b1000000@login>

Gang,

I've been following this thread with interest since the topic was first introduced. Frankly I don't see the need for moderation. Sure, at times the discussions can go a little far afield, but please remember that we are a group of human beings with broader scope than our mutual interest in QRP communications. I think that the digressions add a little "spice" and interest to QRP-L. I fear that moderation, while well intentioned, is not the way to go. It is basically a form of censorship plain and simple. I have observed that in the past when a thread was too far afield or reached the stage of beating the proverbial dead horse a posting or two noting that fact was enough to remedy the situation. I think that we should

continue that way.

Is the proposed "vote" intended to be binding? Will it take a majority of subscribers to decide the issue? Are we to have a case of tyranny of the majority (or minority) as the case may be. I believe these are issues that need to be carefully thought out.

In conclusion, I decline to participate in the "VOTE" as a matter of principle.

Thank you for the bandwidth.

73, Steve K8IDN QRP-L #331

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: kc5moe@juno.com (John E Hutter)  
Subject: [4274] Re: opinions, rectal tissue and Juno  
Message-ID: <19960915.214029.7239.0.KC5MOE@juno.com>

on Sun, 15 Sep 1996 I wrote:

>>AS DESCRIBED in the ORIGINAL posting (see below) I think a >>moderator is an excellent idea.

<snip> <snip> <snip>

>>Just my opinion, which like rectal tissue, everyone has and 99% of >>which stink including mine.

=====

to which N4SO replied:

>JOHN,

>WHAT IS THE ONE PER CENT WHICH DO NOT STINK?

>

>And while I have your attention do you have any bugs in Juno that you >can pass along?

=====

Ken,

Occasionally, I have run into an opinion that has been well thought out but most I have found are just knee-jerk reactions. As to the other, well, I guess that's just an assumption on my part as I haven't done (nor do I plan to do) any research in that area. I suppose a good proctologist could shed some light on the subject.



So far, my only complaint about Juno is the lack of a file attachment feature. Sorry, no bugs to report. For a couple of reasons I've long suspected that most of the General Protection Fault errors are simply triggered (not caused) by the software being blamed. The fact that I seem to encounter fewer of them than most folks and that they seem to abate on friends' systems after a little tuning tends to make me think many of them are due to poor setup/configuration. That certain software packages seem more prone to this error than others leads me to think more in terms of Windows and/or memory management software bugs that manifest themselves most often when using software that pushes the edge of the envelope. If it is a sufficient condition for program triviality that the program have no bugs (considered axiomatic by software engineers like myself) then any non-trivial program will have at least one bug and Windows (or even DOS for that matter) is anything but trivial.

Again you are warned that the above is an opinion with the same caveat that prompted your reply.

72, 73 de KC5MOE -- John

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
Message-Id: <1.5.4.16.19960916110654.35c702e6@telis.org>  
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>  
Subject: Paul Harden, NA5N Pacificon Speaker

Paul Harden, NA5N will be speaking at a QRP Forum during Pacificon 96. He is scheduled for Saturday afternoon, and his subject is, "Those QRP Kit Rigs, How They Work". This is a repeat of the highly successful talk that Paul gave at the NorCal/CQC sponsored open house at Dayton on the Thursday night before the Dayton Hamfest. Paul will discuss the NorCal 40, Hands GQ 40, OHR Explorer, SWL Green Mountain, NW8040, and one or two others if he has time. He explains how the rigs work, but does not compare them or rank them in any order. It is a very informative talk and one that you will enjoy.

Paul lives in Socorro, NM, where he works as a Receiver Alignment Technician for the National Radio Astronomy Observatory. His hobbies include astronomy, ham radio, printing, camping, hiking and designing regenerative receivers. He has had articles published in several of the QRP journals, and is the author of the QRP Homebrewers Handbook. Paul's book is one of the most useful references that I have ever used in QRP construction and design. The information comes from many sources and Paul has done the QRP builder a tremendous favor by putting them in one reference volume.

Pacificon will be held Oct. 18, 19, and 20 at the Concord Hilton Hotel in Concord, CA. Registration for the 3 day event is \$3 in advance, \$4 at the

door, and it is sponsored by the Mt. Diablo Amateur Radio Club. The QRP Forum is being held in conjunction with Pacificon, and there is NO additional charge to attend other than the admission to Pacificon.

Saturday Night, NorCal will sponsor a QRP Hospitality room. We would like all QRPers in the area to attend and bring at least one QRP item for show and tell. We will have table space available for QRP Vendors. If you would like a table, please contact Doug Hendricks. There is no charge for Table Space. If you want to sell QRP related things, bring them to the hospitality room. QRP items only. It will begin at 7:00 PM and will feature all of the speakers who will be there for you to have those 1 on 1 sessions and get those QRP questions answered from the experts. Also, we will have a West Coast edition of the 49er Building Contest featuring Chuck Adams, K5FO and his judging team. There are 2 rules; one it must work, and two, rigs entered at Dayton are not eligible, but a Dayton entrant can build another 49er and enter it at the West Coast Contest.

It should be a fun time. Hope to see you there. 72, Doug, KI6DS

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)  
Subject: [15] Re: QRP Afield  
Message-ID: <199609162252.SAA55272@nss2.CC.Lehigh.EDU>

>Help!

>

>Somehow I misplaced the details for the QRP Afield, ie, operating period  
>et all. Would appreciate a post with the details for the event.

>

>72 es tn timer,

>Harry

>

>QRP-ARC #3875 QRP-L #637 NORCAL

>-----

>

>

QRP AFIELD - 1996

QRP AFIELD - 1996 is sponsored by the QRP Club of New England and is designed to encourage QRP enthusiasts to field-test their radio

equipment using temporary antennas and non-commercial power sources.

#### DATE/TIME

Saturday, September 21, 1996. 1600Z to 2400Z. You may operate a maximum of six hours during the contest period.

#### EXCHANGE

QRP-NE Members: RST, State/Province/Country, QRP-NE#  
Non-Members: RST, State/Province/Country, Power Output

#### DEFINITIONS

Permanent Location: Any location using commercial power and/or permanently installed antennas.  
Field Location: Any location using non-commercial power and temporary antennas.  
High Power QRP: 1 to 5 watts output.  
Low Power QRP: Less than one watt output.

#### Scoring (CW only)

1 point for each contact from a permanent location using high power QRP.  
2 points for each contact from a permanent location using low power QRP.  
4 points for each contact from a field location using high power QRP.  
8 points for each contact from a field location using low power QRP.

#### MULTIPLIERS

Each State/Province/Country worked counts for one multiplier.  
Multipliers may be counted only once regardless of band worked.

#### AWARDS AND RESULTS

A plaque will be awarded to the station with the highest point total. Certificates will be awarded to the ten stations with the highest point totals. Complete results will be printed in 72 magazine. To receive a copy of the results, please include a #10 SASE with your contest submission.

#### Address

Chester (Chet) Bowles, AA1EX  
RFD 2, Box 335L  
Sharon, NH 03458

#### QRP AFIELD - 1996

#### Entry Form

Name \_\_\_\_\_ Call \_\_\_\_\_

Address \_\_\_\_\_ QRP-NE# \_\_\_\_\_

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Total Number of Contacts _____

Point/Contact (1)           X   _____

Subtotal                     =   _____

Number of Multipliers Worked   (2) X   _____

FINAL SCORE                   =   _____

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POINTS PER CONTACT:

1 point for each contact from a permanent location using high power QRP.  
 2 points for each contact from a permanent location using low power QRP.  
 4 points for each contact from a field location using high power QRP.  
 8 points for each contact from a field location using low power QRP.

MULTIPLIERS: Each State/Province/Country worked counts as one multiplier.  
 Multipliers may be counted only once regardless of band worked.

```

Transmitter/Xceiver _____ Power Output _____W
Receiver _____ Power Source _____
Antenna _____
Location _____
Comments _____
_____
_____
_____

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Submit Logs and Dupe Sheets to: Chester (Chet) Bowles, AA1EX  
 RFD 2, Box 335L, Sharon, NH 03458

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>
>
de AA1IK           N.E.-QRP-C. # 202   ( Lead by example, It is better to   )
                  QRP-L member #95.   ( pull a string than it is to push it.)

Ernie Gregoire
RR 1 Box 221
Canaan, NH. 03741

```

New England QRP Club, information

available on request by sending me a  
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM  
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Philip Karras <ke3fl@access.digex.net>  
Subject: [4286] RE: SWR=1:1 with open or short???  
Message-ID: <Pine.SUN.3.94.960916101244.26884B-1000000@access1.digex.net>

>Come on guys, for the SWR to be 1:1 there has to be ZERO  
>reflected power. How the heck do you get ZERO reflected  
>power when the transmission line is open or shorted?

>73, Cecil, W6RCA (not speaking for my employer)

How about, with either an open or a short there will be substantial R.F.  
on the coax shield. In this condition all SWR meter readings are bogus,  
thus the possibility of an SWR of 1:1??

This reminds me of the statement that adding a few feet of (the same  
type coax) to your run of coax will bring the SWR down. This I know  
is due to the above mentioned.

SWR is a measure of forward power (voltage) vs. reverse power (V).  
With either an open or shorted coax we will get 100% reflection, the  
only difference will be the phase of the reflected wave. (Assuming  
good coax, low loss.)

72 & 73 de KE3FL/Phil  
:-)

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "Bill C." <wrc@tir.com>  
Subject: Re: under-driving antennae?

Wait a minute here,

Most of us use the same beam to receive as the gain works "in reverse" to capture those signals. What is the power level of the received signal? Micro-watts? Pico-watts? It would appear there is no minimum power level.

73,

Bill KU8H

-----60A86E0A5F70--

From owner-qrp-l@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: torell@sicom.com (Kent Torell)  
Subject: [3] Re: Variable caps vs. variable coils  
Message-ID: <v02130501ae633b8b567a@[192.91.202.41]>

>..... I got  
>curious enough to open up an automobile radio I have to see what it used  
>for tuning. It had several coils with movable slugs which were engineered  
>to move as a unit.

Brian,

I removed this assembly, and used the vhf portion as a tunable inductor in series with a fixed torroid as a 4 Mhz vfo for a 40 meter rig I built. The tuning was very nice and smooth, but I couldn't believe the temperature stability it had (none)...just the air conditioner coming on would make it move around, and trying a qso was difficult. I had to leave the rig on 24 hrs a day to keep it thermally stable, and then I had to isolate the vfo slug portion with insulation, or the heat from the final would make the frequency drift a few khz during a transmission.

I think the best approach is a low thermal mass design with varicaps, similar to the Norcal 40 design; the varicaps are quite a bit cheaper than variable caps.

72, ab7oa

Kent Torell      torell@sicom.com      602-483-2867 x40  
SICOM    7585 E. Redfield, #202    Scottsdale, AZ    85260

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>  
Subject: [4] Re: Variable caps vs. variable coils  
Message-ID: <Roam.3.0.842898276.32339.myers@bigboy>

> >..... I got  
> >curious enough to open up an automobile radio I have to see what it used  
> >for tuning. It had several coils with movable slugs which were engineered  
> >to move as a unit.  
>  
> Brian,  
> I removed this assembly, and used the vhf portion as a tunable  
> inductor in series with a fixed torroid as a 4 Mhz vfo for a 40 meter rig I  
> built. The tuning was very nice and smooth, but I couldn't believe the  
> temperature stability it had (none)...just the air conditioner coming on  
> would make it move around, and trying a qso was difficult. I had to leave  
> the rig on 24 hrs a day to keep it thermally stable, and then I had to  
> isolate the vfo slug portion with insulation, or the heat from the final  
> would make the frequency drift a few khz during a transmission.

Hmmm... sounds like either the permeable material has a large temperature coefficient and/or the capacitors used in the VFO do. If this is from the FM broadcast tuner, I could see some drift being tolerable in the auto radio, but auto radios are built to tolerate huge temperature swings, too. So, I can't help but wonder that the auto radio used capacitors with selected tempcos to compensate the overall design. While I appreciate the beauty and simplicity of using components with selected tempcos to swamp out the variations in others, this does present a problem to the homebrewer when it comes to getting capacitors with kookie tempcos.

> I think the best approach is a low thermal mass design with  
> varicaps, similar to the Norcal 40 design; the varicaps are quite a bit  
> cheaper than variable caps.

The varicaps are certainly more convenient, but remember they're often noisier and lower Q than an air variable cap, and they'll drift if the tuning voltage isn't stable and temp compensated. Also, the tuning characteristic of a varicap may not be all that linear, which can be a pain in the butt for dial calibration. Air variable capacitors made specifically for tuning have a "squared" taper, which does a pretty good job of linearizing the tuning dial.

Dana KK6JQ  
Dana@Source.Net

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>  
Subject: [23] Re: Which Trap Vertical??  
Message-ID: <Pine.SUN.3.95.960916204248.13591B-100000@ume>

As usual, to this question I vote: HOMEBREW!  
Buy some ladder line and a hunk of wire and attach to a tuner.  
Then you can have an all band vertical, loop, dipole, whatever!

Oh, yea, its cheaper too! ;-)

Dr. Rick Zabrodski BSc, MD, CCFP(E) MRO \* VE6GK  
Clinical Assistant Professor \* NorCal 519 ARCI 7650 GQRP 8329  
Faculty of Medicine, Univ. of Calgary \* "Power is no substitute for skill"

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: "Denton Bramwell" <denton@cyber-west.com>  
Subject: [19] RE: Wire for dipoles  
Message-ID: <01BBA3FD.02EF2120@cyber-west.com>

If you can get it, by far the best wire for portable use came from Fair =  
Radio, as a surplus part from a WW2 emergency transmitter. The core is =  
some kind of tough fabric, surrounded by a flexible braided conductor. =  
The wire is light, stretch resistant, and very flexible. When I got a =  
roll of this several years ago, I paid \$10 for a few hundred feet. =20

Denton  
K7OWJ

-----  
From: Ron Giuntini[SMTP:rong@slip.net]  
Sent: Sunday, September 15, 1996 8:39 AM  
Subject: Wire for dipoles

Is there any reason I should not use fine guage wire for a QRP dipole? =  
I  
want to put together a portable 40M antenna and have put RCA connectors =  
on  
RG174 and want to use some kind of fine wire for the dipole. I am =  
pretty  
sure there is a best wire to use but what might it be?=20



Ron KB6GK  
NorCal #1718  
San Francisco

From owner-qrp-1@Lehigh.EDU Mon Sep 16 23:12:47 1996  
From: lbbarley@feist.com (Bruce Barley)  
Subject: [4291] Re: [Fwd: PLEASE READ - SS# info]  
Message-ID: <199609161655.LAA01913@wichita.fn.net>

You would be WELL ADVISED to move FAST on this one. I just got off the phone {and the Lord knows, how I hate automated answering systems...) they will NO LONGER ACCEPT REQUESTS TO REMOVE YOUR SOCIAL SECURITY NUMBER, NAME, etc over the phone.

It is now REQUIRED that you FAX them your request, first listing on your FAX the information you want to have removed from PTRAX.... fax number is 513.865.1930

You can also apply vis snail mail, also having to list in your letter, the information

which you want removed from PTRAX. Address is: Attn: PTRAX  
P.O. Box 933  
Dayton, OH 45401

Bruce Barley KB0PZD ex: WD0HRQ  
lbbarley@feist.com qrp-1 #69

>I apologize for the bandwidth, but thought that the list membership  
>might be interested in this.

>  
>

>> Lexis is making a database called "Ptrax" available that  
>> contains the names, current addresses, prior addresses, birthdates,  
>> social security numbers, and mother's maiden names of  
>> some 300 million people.

>>  
>> They may have a file on you.

>>  
>> If you want to get this information removed from Lexis' "ptrax"  
>> database, call 800.543.6862 and ask them to remove your file.

>>

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>> The current removal method in effect lasts only until another
>> reporting even on you occurs (e.g., you apply for credit), but Lexis
>> is currently "working" on a "permanent removal" method.
>
>
>Cheers,
>Eric AA8MD
{----SNIP-----}
>
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